**Steps for creating and loading data using impala commands:**

Download and install cloudera and oracle vm and add hive and impala servives to cloudera manager

Open cloudera terminal and using impala-shell command logged into impala cli where I can execute commands.

**Create database**

Command: create database hive\_impala

**verify database**

Command: show databases

**Create table:**

While creating a table, we optionally specify aspects such as:

* Whether the table is internal or external.
* The columns and associated data types.
* The columns used for physically partitioning the data.
* The file format for data files.
* The HDFS directory where the data files are located.

**Command:**

create table using `create table customer\_orders (store String,category String,cost double,paymenttype String)ROW FORMAT DELIMITED FIELDS TERMINATED BY ',' STORED AS TEXTFILE; `

**Load Data using impala:**

Load data using LOAD DATA INPATH '/home/cloudera/Desktop/RawData.txt' OVERWRITE INTO TABLE customer\_orders;

The above command results analysisexception beacuse we cannot load data using impala, since it doesn't have any own metadata structure it will use hive-metatdata structure.

Now let's load data by connecting to hive-cli, open new terminal and enter hive in terminal.

Load the data using same command `LOAD DATA LOCAL INPATH '/home/cloudera/Desktop/RawData.txt' OVERWRITE INTO TABLE customer\_orders;`

Verify data in impala shell using

show \* from customer\_orders;